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NOTICE OF ALLOWANCE AND FEE(S) DUE

83422

7590

04/12/2010

Weaver Austin Villeneuve & Sampson LLP - NOVL

Attn.: Novellus Systems, Inc.

P.O. Box 70250

Oakland, CA 94612-0250

EXAMINER MALDONADO, JULIO J

PAPER NUMBER

ART UNIT

DATE MAILED: 04/12/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,525	04/07/2004	Qingguo Wu	NOVLP091/NVLS-2889	8337

TITLE OF INVENTION: METHODS FOR PRODUCING LOW-K CDO FILMS WITH LOW RESIDUAL STRESS

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	07/12/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

maintenance fee notifica	ock 1 for any change of address)		fying a new correspondence address; and/or (b) indicating a sepa Note: A certificate of mailing can only be used fo Fee(s) Transmittal. This certificate cannot be used fo papers. Each additional paper, such as an assignme			domestic mailings of the		
		OVL		rs. Each additiona	l paper	r, such as an assignmen iling or transmission.	it or formal drawing, must	
Attn.: Novellus 9 P.O. Box 70250	^{/2010} mpson LLP - NO			Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.				
Oakland, CA 94	612-0250			(Depositor				
								(Signature)
								(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN			ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/820,525	04/07/2004		Qingguo Wu			NOV	LP091/NVLS-2889	8337
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nonprovisional	NO	\$1510	\$0	CL	\$0		\$1510	07/12/2010
EXAM		ART UNIT	CLASS-SUBCLASS]		Q1310	57/1 2 /2010
MALDONA		2823	438-758000	<u>-</u>				
1. Change of corresponde CFR 1.363). Change of corresp Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-C Number is required.	(2) the name of a shigh firm (having as a member a							
recordation as set fort (A) NAME OF ASSI	less an assignee is identi h in 37 CFR 3.11. Comp GNEE	ified below, no assignee oletion of this form is NO	data will appear on the Tasubstitute for filing (B) RESIDENCE: (C	he pa g an a	ntent. If an assign assignment. and STATE OR C	COUNT	TRY)	cument has been filed for
Please check the appropriate assignee category or categories (will not be 4a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number					
**	s SMALL ENTITY statu	is. See 37 CFR 1.27.		_	-		TITY status. See 37 CF	R 1.27(g)(2).
interest as shown by the	records of the United Sta	tes Patent and Trademark	office.	ian ti	ь аррисан; а regi	stered	anorney or agent; of the	assignee of other party in
Authorized Signature			Date					
Typed or printed name			Registration No					
an application Confiden	tiality is governed by 35 d application form to the ions for reducing this but Virginia 22313-1450. DC	LLS C 122 and 37 CFR	1.14 This collection i	s esti	imated to take 12.1	minutes	s to complete including	by the USPTO to process) g gathering, preparing, and the you require to complete rtment of Commerce, P.O. or Patents, P.O. Box 1450,

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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83422 75	90 04/12/2010		EXAMINER			
Weaver Austin V	illeneuve & Sampso	n LLP - NOVL	MALDONADO, JULIO J			
	Attn.: Novellus Systems, Inc.			PAPER NUMBER		
P.O. Box 70250 Oakland, CA 94612-0250			2823 DATE MAILED; 04/12/201	0		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 404 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 404 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)			
	10/820,525	WU ET AL.			
Notice of Allowability	Examiner	Art Unit			
	JULIO J. MALDONADO	2823			
The MAILING DATE of this communication appearable communication appearable claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIPLY of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to and MPEP 1308.	olication. If not include will be mailed in due	ed course. THIS		
1. This communication is responsive to the applicants' responsive to	nse filed on 11/09/2009.				
2. The allowed claim(s) is/are <u>1-9,12-17,19-31,34 and 35</u> .					
 Acknowledgment is made of a claim for foreign priority ur All b)	been received. been received in Application No cuments have been received in this i	national stage applica			
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF		
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the 	con's Patent Drawing Review(PTO- s Amendment / Comment or in the C .84(c)) should be written on the drawir	office action of	e back) of		
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			Vote the		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5.	atent Application			
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	(PTO-413),			
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Date 7.				
Paper No./Mail Date <u>11/09/2009</u> 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	 8.	ent of Reasons for Allo	wance		
	5 Outof				